

Lockheed Martin Corporation - Environment, Safety & Health
Burbank Program Office
2550 N. Hollywood Way, 3rd Floor Burbank, CA 91505-1055
Program Office, Regulatory Affairs, and
Remediation Demolition Departments: 818-847-0256 (Facsimile)
Business Office and Groundwater Department: 818-847-0170 (Facsimile)



VIA FACSIMILE & FEDERAL EXPRESS
CAY1197/317
WBSL2720

November 4, 1997

Ms. Chia-Rin Yen
State of California
California Environmental Protection Agency
Department of Toxic Substances Control
1011 North Grandview Avenue
Glendale, California 91201

99-3

Dear Ms. Yen,

**Subject: Former Lockheed Martin Corporation, International Light Metals Facility
Clarification of Off-Site Groundwater Investigation Work Plan Submittal**

Lockheed Martin Corporation received the letter from Ms. Garza dated October 27, 1997, regarding the *Phase I Groundwater Characterization Workplan for Boeing Reality Corporation C-6 Facility, Parcel A: Lockheed Martin (Formerly International Light Metals), 19200 S. Western Avenue, Torrance, California.*

In response to the letter, Lockheed Martin Corporation hereby confirms that the workplan is part of the groundwater corrective action activities for the former location of the International Light Metals facility, and that the work plan was submitted with our concurrence, under the understanding that the contents may be modified, as required by the Department of Toxic Substances Control (Department).

Although Lockheed Martin Corporation is funding the effort, the actual well placement shall take place on the Boeing C-6 facility, under the supervision of Boeing. Furthermore, Boeing staff and their consultant, Integrated Environmental Systems, Inc. prepared the workplan. It was therefore entitled as a Boeing site document. The workplan is meant to serve a dual purpose; 1. Identification of off-site impacts from the former International Light Metals facility, and, 2. serve as a groundwater characterization investigation for the Boeing facility. Due to liability and logistic related issues, Lockheed Martin Corporation chose to allow Boeing, and Boeing contractors to conduct activities on the Boeing property. We are sorry for any confusion this may have caused.

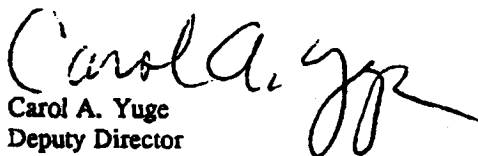
Upon the completion of field activities, and receipt and review of the sampling results, Lockheed Martin Corporation will prepare a summary document detailing the investigation findings. The summary report will be submitted as a Lockheed Martin Corporation, former International Light Metals document.

Lockheed Martin Corporation understands that the Department is the Administering Agency under AB 2061, and understands that approval from the Department is required prior to initiation of field activities. Lockheed Martin

Corporation in no way wants to impede the process which the DTSC is required to follow to comply with the requirements of AB 2061. In an effort to show cooperation with the wishes of Boeing Reality Corporation, we ask that the Department provide Lockheed Martin Corporation with a realistic date as to when the review of the subject document and AB 2061 required coordination activities may be completed. Upon receipt of this information, Lockheed Martin Corporation will coordinate with Boeing staff to compile, and submit a realistic schedule for the implementation and completion of activities related to this workplan.

Should you have any questions or comments concerning the enclosed materials, please contact John R. Johnsen of my staff at (818) 847-0501.

Sincerely,


Carol A. Yuge
Deputy Director

CAY:JRJ

Distribution With Enclosure

Ms. Karen Thomas Baker
Supervising Engineering Geologist

Cal EPA, Department of Toxic Substances Control
Facility Permitting Branch
245 W. Broadway, Suite 350
Long Beach, CA 90802-4444

Ms. Yolanda Garza
Unit Chief

Cal EPA, Department of Toxic Substances Control
Southern California Permitting Branch
245 W. Broadway, Suite 350
Long Beach, CA 90802-4444

Mr. Jim Ross
Senior Water Resource Control Engineer

California Regional Water Quality Control Board,
Los Angeles Region
101 Centre Plaza Drive
Monterey Park, CA 91754

Mr. S. Mario Stavale
Project Manager

McDonnell Douglas Realty Company
4060 Lakewood Blvd., 6th Floor
Long Beach, CA 90808-1700

bcc: R. Helgersen
D. Jensen
J. Johnsen
G. Matsushita
D. Willis (Geraghty & Miller)
WBS File
CAY Chron File



May 19, 1998

Cal/EPA

Department of
Toxic Substances
Control

1011 N. Grandview Ave.
Glendale, CA 91201

Ms. Carol A. Yuge
Deputy Director
Lockheed Martin Corporation
Environment, Safety & Health
Burbank Program Office
2550 N. Hollywood Way, 3rd Floor
Burbank, CA 91505-1055

Pete Wilson
Governor

Peter M. Rooney
Secretary
for Environmental
Protection

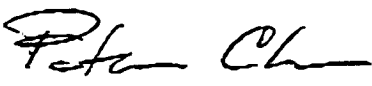
Dear Ms. Yuge:

**OFFSITE GROUNDWATER CHARACTERIZATION WORKPLAN:
LOCKHEED MARTIN CORPORATION, TORRANCE, CALIFORNIA
(EPA ID NO. CAD030398622)**

Attached is a revised copy of the comments on the above workplan. This copy supersedes the one that was provided on May 8, 1998. Please revise the workplan according to the comments and submit for DTSC's approval by June 15, 1998.

Should you have any question regarding the comments, please contact Ms. Chia-Rin Yen at (818) 551-2182.

Sincerely,


for Yolanda M. Garza
Unit Chief
Southern California Permitting Branch

Enclosure

Carol A. Yuge
May 19, 1998
Page 2

cc: Mr. Jim Ross
Regional Water Quality Control Board
101 Centre Plaza Dr.
Monterey Park, California 91754-2156

Mr. Hadar Plafkin
Department of Planning
City of Los Angeles
220 N. Figueroa Street
Los Angeles, California 90012

Mr. Jeff Dhont
U.S. Environmental Protection Agency
Region IX
75 Hawthorne Street
San Francisco, California 94105

John R. Johnsen
Lockheed Martin Corporation
Environment, Safety & Health
Burbank Program Office
2550 N. Hollywood Way, 3rd Floor
Burbank, CA 91505-1055



M E M O R A N D U M

Cal/EPA

Department of
Toxic Substances
Control5796 Corporate Ave.
Cypress, CA
90630-4700TO: Yolanda Garza
Unit Chief
Facility Permitting BranchChia-Rin Yen
Project Manager
Facility Permitting BranchFROM: Alfredo Zanolis, R.G. *anz*
Geological Services Unit

DATE: May 13, 1998

SUBJECT: OFF-SITE GROUNDWATER CHARACTERIZATION
WORKPLAN, LOCKHEED MARTIN CORPORATIONMAY 14 1998
FMB - PERMITTINGPete Wilson
GovernorPeter M. Rooney
Secretary for
Environmental
Protection

The Geological Services Unit (GSU) has reviewed the document Offsite Groundwater Characterization Workplan, Lockheed Martin Corp., Former International Light Metals Facility, Los Angeles California, dated March 1998 (the *Workplan*). This is a revision of a previous document entitled Phase 1 Groundwater Characterization Workplan, Boeing Realty Corporation C-6, Parcel A Los Angeles California, dated October 1997, which the GSU commented on in a memo dated January 13, 1998. The workplan was prepared by Integrated Environmental Services in behalf of Lockheed Martin Corp. (LMC) and Boeing Realty Corp. (BRC).

The GSU appreciates the revisions to the workplan in response to GSU's concerns described in the January 13, 1998 memo. However, the following concerns remain:

*del. of delineation
leading edge of the plume*

1. While the proposed placement of wells is significantly better than the previous proposal, we are still concerned it does not properly maximize the information value that can be derived from each well. The GSU plotted the proposed wells in a base map of the LMC facility containing the location of all existing wells, a generalized plot of the major contaminant plumes, and the general groundwater flow direction. Based on this map we observe the following:

- a. Given the scale of the existing LMC plume, wells can be placed 300 to 400 feet apart and still yield a good characterization of the plume's extent. From this observation, we

Chia-Rin Yen
May 13, 1998
Page 2

1. risk & conc. at property line
 2. phased approach.
 3. tech & business prospects
 4. baseline @ BRC boundary
 - b. Some proposed wells are located directly across from an existing well on the LMC property. Specifically, well BL-4 is directly across from P-7, and BL-2 is across from P-5. In the same vein, BL-6 is only slightly offset from P-6. These wells are likely to duplicate the data from the counterpart well across the fence, and therefore would not yield any useful new information. These wells would be more useful if they were offset halfway from the adjacent LMC wells, and placed farther away from the fence-line.
 5. shifting the tier one well,
 - existing LMC wells
- note that the proposal to place some wells 50 feet from the fence-line and about 100 to 200 feet from next nearest well is an unwise use of resources. On the other hand, spacing the wells farther apart allows a larger coverage of the target area.

At this point of the investigation, it is already apparent that the LMC plume has crossed the boundary into BRC property (e.g., data from DAC/P1), possibly on a significant scale. The foremost objective now is to determine the maximum extent of the migration by defining its large-scale outline rather than its fine details. In the future perhaps, more closely spaced wells may be installed to define the finer features of the plume (as needed for risk assessment and remedial evaluation), but only after the large-scale picture has already been determined.

The GSU recommends that the proposed well locations be revised. As the basis for the well placement, we recommend that a base map be developed encompassing both the LMC and BRC properties, and including all pertinent information such as the distribution of contaminant plumes, the location of all pertinent monitoring wells (existing and historical), and the general groundwater flow direction.

2. In its previous memo, the GSU recommended that soil samples be collected and analyzed at regular intervals of the soil borings. The Workplan indicated that soil samples will only be collected

Chia-Rin Yen
May 13, 1998
Page 3

when obvious staining or odors are observed. It also indicated that a significant amount of soil investigation has been conducted in Parcel B (K/J, 1998). The GSU has not reviewed the results of the said soil investigation in Parcel B.

The main purpose of the GSU's recommendation for soil sampling is to address any future potential concern about BRC soil contribution to the LMC offsite plume. The recent soil investigation conducted on Parcel B (K/J, 1998) certainly helps to address this need. However, because of the potential for the borings to be conduits for downward contaminant migration, the GSU is concerned that not collecting systematic samples of the soil borings would forfeit valuable opportunity to acquire data that can later be useful in resolving uncertainties.

The DTSC is aware that uncertainties create the potential for disagreements in the interpretation of groundwater data. Such disagreements could potentially delay the investigation and the corrective action that may be needed. To avoid this potential hindrance, the GSU believes that to the extent reasonable, it is preferable to maximize the data base upon which sound interpretations can be inferred. Even if recent soil investigation has strongly indicated the absence of sources in this area, acquiring additional soil boring data should only serve to reinforce such conclusion and reduce the uncertainty.

The GSU therefore reiterates its recommendation for systematic sampling and analysis of the soil borings.

- Use the same plane.*
3. The Workplan does not describe the target depth of the deep well proposed for BL-3, and the rationale for such depth. In addition, it should provide discussion of measures to prevent contaminants in the uppermost aquifer from being introduced to the lower aquifer.
 4. We note that there is a difference between this and the previous Workplan in the description of the BRC C-6 Facility Parcel Delineation. We take

Chia-Rin Yen
May 13, 1998
Page 4

that the current Workplan contains the correct information.

5. Unless a copy of the K/J Report (1998) has already been submitted to DTSC, the GSU requests for a copy.
6. To support the reference to the soil investigation (K/J, 1998), a map showing the location of all soil borings in Parcel B should be added to this Workplan.

If you have any questions or comments, please do not hesitate to contact Alfredo Zanolria at 714-484-5420.

cc: Karen T. Baker



M E M O R A N D U M

Cal/EPADepartment of
Toxic Substances
Control1011 N. Grandview Ave.
Glendale, CA 91201

TO: Yolanda Garza
Unit Chief
Facility Permitting Branch

Chia-Rin Yen
Project Manager
Facility Permitting Branch

FROM: Alfredo Zanoria, R.G.
Geological Services Unit

DATE: May 6, 1998 *WJY*

SUBJECT: OFFSITE GROUNDWATER CHARACTERIZATION
WORKPLAN, LOCKHEED MARTIN CORPORATION

Pete Wilson
GovernorPeter M. Rooney
Secretary
for Environmental
Protection

The Geological Services Unit (GSU) has reviewed the document Offsite Groundwater Characterization Workplan, Lockheed Martin Corp., Former International Light Metals Facility, Los Angeles California, dated March 1998 (the Workplan). This is a revision of a previous document entitled Phase 1 Groundwater Characterization Workplan, Boeing Realty Corporation C-6, Parcel A Los Angeles California, dated October 1997, which the GSU commented on in a memo dated January 13, 1998. The workplan was prepared by Integrated Environmental Services in behalf of Lockheed Martin Corp. (LMC) and Boeing Realty Corp. (BRC).

The GSU notes with appreciation the major improvements in this workplan in response to GSU's concerns described in the January 13, 1998 memo. However, the following concerns remain:

1. While the proposed placement of wells is significantly better than the previous proposal, we are still concerned it does not properly maximize the information value that can be derived from each well. The GSU plotted the proposed wells in a base map of the LMC facility containing the location of all existing wells, a generalized plot of the major contaminant plumes, and the general groundwater flow direction. Based on this map we observe the following:
 - a. Given the scale of the existing LMC plume,

Chia-Rin Yen
May 7, 1998
Page 2

wells can be placed 300 to 400 feet apart and still yield a good characterization of the plume's extent. From this observation, we note that the proposal to place some wells 50 feet from the fence-line and about 100 to 200 feet from next nearest well is an unwise use of resources. Spacing the wells farther apart allows a larger coverage of the target area.

- b. Some proposed wells are located directly across from an existing well on the LMC property. Specifically, well BL-4 is directly across from P-7, and BL-2 is across from P-5. In the same vein, BL-6 is only slightly offset from P-6. These wells are likely to duplicate the data from the counterpart well across the fence, and therefore would not yield any useful new information. These wells would be more useful if they were offset halfway from the adjacent LMC wells, and farther away from the fence-line.

At this point of the investigation, there is already strong basis to believe that the LMC plume has crossed the boundary into BRC property, possibly on a significant scale. Our foremost objective now is to determine the maximum extent of the migration by defining its large-scale outline rather than its fine details. Placing the first generation of offsite wells too close together does not meet this objective. In the future perhaps, more closely spaced wells may be installed to define the finer features of the plume (as needed for risk assessment and remedial evaluation), but only after the large-scale picture has already been determined.

The GSU recommends that the proposed well placement be revised. As the basis for the well placement, we recommend that a base map be developed encompassing both the LMC and BRC properties, and including all pertinent information such as the distribution of contaminant plumes, the location of all pertinent monitoring wells (existing and historical), and the general groundwater flow direction.

Chia-Rin Yen
May 7, 1998
Page 3

2. In its previous memo, the GSU recommended that soil samples be collected and analyzed at regular intervals of the soil borings. The Workplan indicated that soil samples will only be collected when obvious staining or odors are observed. It also indicated that a significant amount of soil investigation has been conducted in Parcel B (K&J, 1998). The GSU has not reviewed the results of the said soil investigation in Parcel B.

The main purpose of the GSU's recommendation for soil sampling is to address any future potential concern about BRC soil contribution to the LMC offsite plume. The recent soil investigation conducted on Parcel B (K&J, 1998) certainly helps to address this need. However, because of the potential for the borings to be conduits for downward contaminant migration, the GSU is concerned that the decision not to perform systematic sampling of the soil borings would forfeit valuable opportunity to acquire data that can later be useful in resolving uncertainties.

The DTSC is keenly aware of the potential for contentious disagreements in the interpretation of groundwater data for evaluating the extent of offsite migration. Such disagreements could unnecessarily delay or derail the investigation and the necessary corrective action. To avoid this potential hindrance, the GSU believes that it is preferable to maximize the data base upon which the best interpretation can be built. Even if recent soil investigation has already demonstrated the absence of sources in this area, acquiring additional soil boring data should only serve to reinforce this conclusion and eliminate this potential area of uncertainty.

The GSU therefore reiterates its recommendation for systematic sampling and analysis of the soil borings.

3. We note that there is a difference between this and the previous Workplan in the description of the BRC C-6 Facility Parcel Delineation. We take that the current Workplan contains the correct information.

Chia-Rin Yen
May 7, 1998
Page 4

4. Unless a copy has already been submitted to DTSC, the GSU requests for a copy of the K&J Report (1998).
5. A map showing the location of all borings in Parcel B should be added to this Workplan.

If you have any questions or comments, please do not hesitate to contact Alfredo Zanolita at 714-484-5420.

cc: Karen T. Baker



RECEIVED

JUN 19 1998

Via FedEx/U.S. Mail
RNH0698/240 WBS #L2

June 15, 1998

MDRC-CRS

Ms. Chia-Rin Yen
Southern California Permitting Branch
Department of Toxic Substances Control
1011 N. Grandview Ave.
Glendale, California 91201

Dear Ms. Yen

**Subject: DTSC Comments to Proposal for Soil Sampling
Lockheed Martin (Former ILM Facility)**

Lockheed Martin Corporation (Lockheed Martin) has reviewed the comments provided by your office on June 11, 1998. In general, Lockheed Martin agrees with the comments and has provided replies to these comments in Attachment A.

Lockheed Martin appreciates and supports the DTSC's efforts to expeditiously resolve sampling issues for this scope of work. If you have any questions, please contact Mr. Masood Choudhury of staff at (818) 847-0512.

Sincerely,

R. N. Helgersen
Director

RNH:MC:gc

Attachment

Ms. Chia-Rin Yen

June 15, 1998

RNH0698/240

Page 2

cc: Mario Stavale
Boeing Realty Corporation
4060 Lakewood Blvd., 6th Floor
Long Beach, CA 90808-1700

Michael Young
INTEGRATED Env. Services, Inc.
3990 Westerly Place, Suite 210
Newport Beach, CA 92660

Derrick Willis
ARCADIS
100 N. Barranca Avenue, Suite 500
West Covina, CA 91791

**DRAFT REQUIREMENTS FOR SOIL SAMPLING OF WELL BORINGS FOR LOCKHEED
MARTIN OFF-SITE GROUNDWATER CHARACTERIZATION
TORRANCE, CALIFORNIA**

RESPONSE TO COMMENTS:

1. The general purpose of the soil sampling is to identify man-made constituents in unsaturated zone of the well boring that may be relevant to the interpretation of groundwater data. Soil samples shall be collected in accordance with applicable DTSC technical guidelines (Cal. EPA 1995, guidelines for Hydrogeologic Characterization of Hazardous Substances Release Sites), US EPA guidance documents, and accepted industry standards for environmental investigation.

Response:

Lockheed Martin agrees with the comment; however, it is suggested that soil sample collection procedures be in accordance with the Quality Assurance Project Plan (QAPP) prepared by ARCADIS Geraghty & Miller in January 1996 and approved by DTSC in January 1996.

2. Discrete, undisturbed soil samples shall be collected whenever contamination is indicated by observed staining or odors, VOC detections by field monitoring instruments, and at all significant lithologic changes in the soil boring. Boring logs from previous investigation shall be used as a guide to anticipate lithologic changes.

Response:

Lockheed Martin agrees with this comment.

3. The following are designated as default sampling intervals locations: 2.5 ft., 10 ft., 15 ft., 25 ft., 35 ft., 45 ft., and 55 ft. Below ground surface. These intervals may be changed based on the actual conditions/observations encountered in the field during the investigation by the field personnel. A default interval location may be supplanted by adjacent samples based on item #2 above. Samples shall be collected by split spoon sampler using three 6" brass barrels (18" sampling cores). The bottom barrel shall be field tested for VOCs with head-space analysis using the PID.

Response:

Lockheed Martin suggests that the bottom-most sample be collected for soil sampling and that the middle sample be utilized for field screening and testing purposes. This is consistent with the above referenced QAPP.

4. **Headspace analysis for field screening shall be conducted using a PID with 11.7 eV bulb. The PID shall be properly calibrated according to manufacturer's specifications. If PID reading exceeds threshold limit established by the Regional Water Quality Control Board, a sample shall be sent to the lab for analysis with EPA Method 8260 (VOCs) and 8015M (fuel fingerprint). If 8015M analyses test positive for TPH, an analysis shall be made for EPA 8080 (PCBs).**

Response:

Lockheed Martin suggests that a threshold total petroleum hydrocarbon concentration and chromatograms be utilized for determining the necessity for further analysis (such as polychlorinated biphenyls or semi-volatile organic compounds). It should also be noted that unless SVOCS or PCBs are detected near surface, there is probably little value in analyzing these samples at depth (below 25 feet).

5. **A minimum of two samples per boring shall analyzed for California Metals (EPA 6010). The sample shall be selected based on field observation, with designated default location at the 5ft depth and 15 ft. depth. Ten percent of the soil samples containing the highest values of total Cr shall be analyzed for Cr+6 (EPA Method 7196).**

Response:

Lockheed Martin agrees with this comment.

6. **The remainder of the samples collected shall be properly archived for possible future analyses, after evaluation of the groundwater data.**

Response:

Lockheed Martin agrees with this comment.



RECEIVED

June 30, 1998

JUL 06 1998

MDRC-CRS

Cal/EPA

Department of
Toxic Substances
Control

1011 N. Grandview Ave.
Glendale, CA 91201

Ms. Carol A. Yuge
Deputy Director
Lockheed Martin Corporation
Environment, Safety & Health
Burbank Program Office
2550 N. Hollywood Way, 3rd Floor
Burbank, CA 91505-1055

Pete Wilson
Governor

Peter M. Rooney
Secretary
for Environmental
Protection

Dear Ms. Yuge:

**OFFSITE GROUNDWATER CHARACTERIZATION WORKPLAN:
LOCKHEED MARTIN CORPORATION, TORRANCE, CALIFORNIA
(EPA ID NO. CAD030398622)**

The Department of Toxic Substances Control (DTSC) is hereby approving the Off-site Groundwater Characterization Workplan for Lockheed Martin Corporation (LMC), dated March 1998, prepared by Integrated Environmental Services, Incorporated in March 1998 with the following conditions:

1. The well locations shall be revised in accordance with locations specified in Attachment A. This Attachment was shared with LMC and Boeing Realty Corporation (BRC) at a June 1, 1998 meeting. A revised map showing the new locations shall be submitted to DTSC for approval.
2. Soil samples shall be collected and analyzed as follows:
 - 2.1. The general purpose of the soil sampling is to identify man-made constituents in the unsaturated zone of the well boring that may be relevant to the interpretation of groundwater data. Soil samples shall be collected in accordance with the Quality Assurance Project Plan, prepared by Arcadis Geraghty & Miller in January 1996 and approved by DTSC in January 1996.
 - 2.2. Discrete, undisturbed soil samples shall be collected whenever contamination is indicated by observed staining or odors, VOC detections by field monitoring instruments, and at all significant lithologic changes in the soil boring. Boring logs from previous investigation shall be used as a guide to anticipate lithologic changes.

- 2.3. The following are designated as default sampling intervals locations: 2.5 feet (ft.), 5 ft., 15 ft., 25 ft., 35 ft., 45 ft., and 55 ft. below ground surface. These intervals may be changed based on the actual conditions/observations encountered in the field during the investigation by the field personnel. A default interval location may be supplanted by adjacent samples based on item 2.2. Samples shall be collected by split spoon sampler using three 6-inch-brass barrels (18-inch- sampling cores). The bottom barrel shall be collected for soil sampling and the middle shall be utilized for field screening and testing purpose.
- 2.4. Headspace analysis for field screening shall be conducted using a photoionization detector (PID) with 11.7 eV bulb. The PID shall be properly calibrated according to manufacturer's specifications. If PID exceeds threshold limit established by the Regional Water Quality Control Board, samples shall be sent to the lab for analysis with EPA Method 8260 (Volatile Organic Compounds [VOCs]) and 8015M (fuel fingerprint). If 8015M analyses test positive for total petroleum hydrocarbons (TPHs), the concentration of TPHs and chromatographs shall be used to determine whether EPA Method 8080 (polychlorinated biphenyls [PCBs]) is needed. In addition, the EPA 8080 analysis is not needed for deeper soil samples (below 25 feet) if PCBs are not detected in the near surface samples (25 ft and above).
- 2.5. A minimum of two samples per boring shall be analyzed for California Metals (EPA 6010). The sample shall be selected based on field observation, with designated default location at the 5 ft. depth and 15 ft. depth. Ten percent of the soil samples containing the highest values of total chromium (Cr) shall be analyzed for Cr+6 (EPA Method 7196).
- 2.6. The remainder of the samples collected shall be properly archived for possible future analyses, after evaluation of the groundwater data.
3. A revised schedule of the Task and Reporting schedule (Table 5-1 of the Workplan) shall be submitted to DTSC 10 working days prior to the commencement of the work.

Ms. Yuge A. Carol
June 30, 1998
Page 3

In addition to the above-mentioned conditions, DTSC may, in consultation with LMC and BRC, change the requirements in the workplan based on field conditions and the findings of the investigation.

On June 18, 1998, BRC submitted a soil sampling proposal that they believe to meet the above cited conditions. Upon the completion of the review, DTSC will respond to BRC's proposal accordingly.

Should you have any question regarding the comments, please contact Ms. Chia-Rin Yen at (818) 551-2182.

Sincerely,



José Kou, P.E., Chief
Southern California Permitting Branch

Enclosure

cc: Mr. Jim Ross
Regional Water Quality Control Board
101 Centre Plaza Dr.
Monterey Park, California 91754-2156

Mr. Hadar Plafkin
Department of Planning
City of Los Angeles
220 N. Figueroa Street
Los Angeles, California 90012

Mr. Jeff Dhont
U.S. Environmental Protection Agency
Region IX
75 Hawthorne Street
San Francisco, California 94105

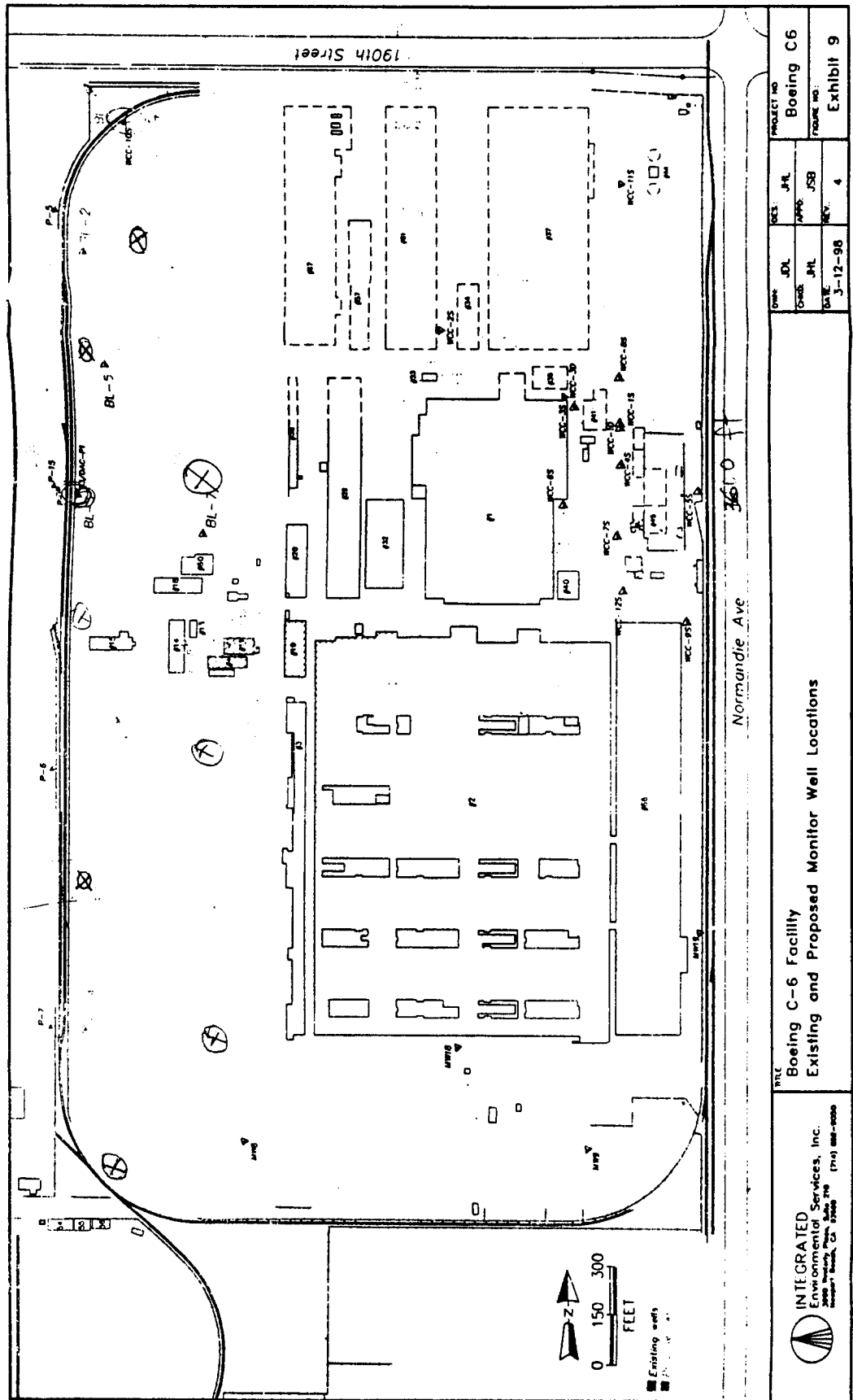
Ms. Yuge A. Carol
June 30, 1998
Page 4

cc: Masood Choudhury
Lockheed Martin Corporation
Environment, Safety & Health
Burbank Program Office
2550 N. Hollywood Way, 3rd Floor
Burbank, CA 91505-1055

Mario Stavale
Boeing Realty Corporation
4060 Lakewood Blvd., 6th Floor
Long Beach, California 90808-1700

ATTACHMENT A

⊗ Suggested well location per June 1, 1998 meeting





Boeing Realty Corporation
4060 Lakewood Blvd., 6th Floor
Long Beach, CA. 90808-1700
S. Mario Stavale, Project Manager
Direct (562) 627-3014
Fax (562) 627-3109

TRANSMITTAL LETTER

To: Mr. Michael Young

Company: Integrated Environmental Services, Inc.

Address: 3990 Westerly Place, Suite 210

Newport Beach, CA 92660

Phone: 714-852-9050

Re: Harbor Gateway Center, Torrance **Date:** July 7, 1998

cc: Chris Stoker

☐ **Urgent** ☐ **For Review** ☐ **Please Comment** ☐ **Please Reply** ☐ **For Your Files**

Dear Michael:

Enclosed please find:

- Copy of letter from Cal/EPA to Carol Yuge/Lockheed Martin Corporation regarding Offsite Groundwater Characterization Workplan dated June 30, 1998.

If you have any questions, please call me at (562) 627-3014.

Thank you.

Mario